

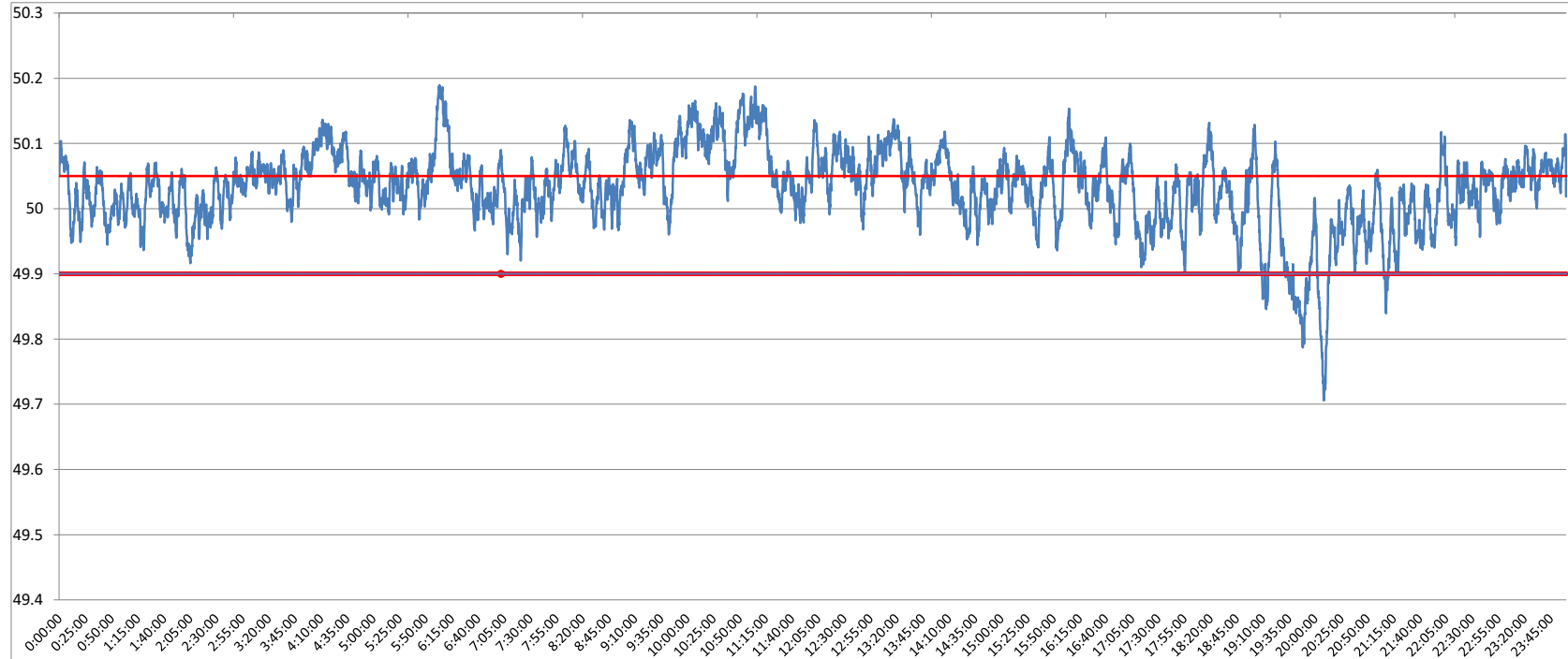


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

03-Jul-16



<49.2	<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2
0	0.00	2.89	12.40	0.42	2.48	22.45	64.51	10.14	58.80	100.00	32.22	28.29	74.61	55.38	38.31	0.00

Average Frequency	50.03	Frequency Variation Index :	0.045	Standard Deviation :	0.059
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Instantaneous Frequency	
Max	50.19 6:03:20
Min	49.71 20:08:20

15 minute average Frequency		
Max	50.144	11:15:00
Min	49.840	20:15:00

No. of excursion above 50.03 Hz	183
No. of excursion below 49.97 Hz	86
No. of excursion above 50.00 Hz	123
No. of excursion below 50.00 Hz	120

Average time freq remains below 49.97 per excursion	0:02:05	Average time frequency remains above 50.03 per excursion	0:04:21
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